



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
612 EAST LAMAR BLVD, SUITE 400  
ARLINGTON, TEXAS 76011-4125

August 27, 2008

Department of the Army  
Attn: Mr. Mark Greer  
US Army Chemical Materials Agency  
Pine Bluff Chemical Agent Disposal Facility  
57-210 Webster Rd  
Pine Bluff, Arkansas 71602

SUBJECT: NRC INSPECTION REPORT 030-35960/08-001 (NRC FORM 591M)

Dear Mr. Greer :

This letter and the enclosed NRC Form 591M refer to the inspection conducted July 29, 2008, at your facility in White Hall, Arkansas,. This inspection was an examination of activities conducted under the authority of Byproduct Materials License 03-27724-01 as they relate to safety and compliance with the Commission's rules and regulations and with the conditions of the license. At the conclusion of the inspection, a preliminary exit briefing to discuss the inspection findings was conducted with Michell Coats. A final exit briefing was conducted telephonically with you on August 25, 2008.

Within the scope of this inspection, no violations were identified; therefore, no response to this letter or the enclosed NRC Form 591M is required.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Should you have any questions concerning this inspection, please contact me at 817-860-8140.

Sincerely,

A handwritten signature in cursive script that reads "Larry Donovan".

Larry Donovan, Health Physicist  
Nuclear Materials Safety Branch A

Docket No.: 030-35960  
License No.: 03-27724-01

Enclosure: As stated

cc w/enclosure:  
Arkansas Radiation Control Program Director

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  Washington Demilitarization Company P.O. Box 20130 White Hall, Arkansas 71612-0130  REPORT NUMBER(S) <b>2008-001</b>		2. NRC/REGIONAL OFFICE  <b>USNRC Region IV</b> <b>612 East Lamar Blvd., Suite 400</b> <b>Arlington, Texas 76011-4125</b>	
3. DOCKET NUMBER(S) 030-35960	4. LICENSEE NUMBER(S) 03-27724-01	5. DATE(S) OF INSPECTION July 29 - August 25, 2008	

**LICENSEE:**  
 The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy to exercise discretion, were satisfied.  
  
 \_\_\_\_\_ Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(s):
- 4. During this inspection certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance 10 CFR 19.11.  
  
 (Violations and Corrective Actions)

Licensee's Statement of Corrective Actions for Item 4, above.

I hereby state that, within 30 days, the actions described by me to the inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

Title	Printed Name	Signature	Date
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	Larry Donovan	<i>Larry Donovan</i>	8/25/2008

(1/2008 edited by RIV)

10 CFR 2.201

**Docket File Information**  
**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE Washington Demilitarization Company REPORT NUMBER(S)2008-001		2. NRC/REGIONAL OFFICE <b>USNRC Region IV</b>	
3. DOCKET NUMBER(S) 030-35960	4. LICENSE NUMBER(S) 03-27724-01	5. DATE(S) OF INSPECTION July 29-August 25, 2008	
6. INSPECTION PROCEDURES USED 87124		7. INSPECTION FOCUS AREAS 03.01-03.07	

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) 3120	2. PRIORITY 5	3. LICENSEE CONTACT Michell Coats	4. TELEPHONE NUMBER 870-540-2183
<input checked="" type="checkbox"/> Main Office Inspection <input type="checkbox"/> Field Office Inspection <input type="checkbox"/> Temporary Job Site Inspection			Next Inspection Date: <u>July 2013</u>

**PROGRAM SCOPE**

Fixed gauge licensee. Facility has 7 fixed gauges that are used in the chemical weapons disposal activity conducted in White Hall, Arkansas located at the Pine Bluff Arsenal, Arkansas. Licensee is a tenant on the facility and reports to the Installation Commander, but organizationally is assigned to the US Army Chemical Materials Agency at Ft Belvoir Maryland. RSO is Michell Coats. There are 9 users who have all been trained. There are five 50 mCi gauges and two 100 mCi gauges all containing Cesium 137. There have been no new gauges received since the initial inspection in 2003 nor have been any disposals. Gauges are mounted on various conduits which are used to monitor blockages. There are 3 Ludlum surveys meters which are calibrated annually. 6 months inventories and 3 year leak test frequency results were reviewed and found to be adequate. Quarterly dosimetry is used but the licensee plans on amending their license to request relief from the requirement to provide dosimetry since all exposure results over the past several years have been minimal. Licensee plans on ceasing operation within 4 years and expects gauges will be dismantled by a licensed contractor prior to the next inspection. 2003 inspection was clear and this inspection did not reveal any violations. Clear 591 to be issued from the office